

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
P296RE1 (1737.073RE10)APPLICATION NO.  
10/679,965FIRST NAMED INVENTOR  
Chirag B. ShahFILING DATE  
October 7, 2003ART UNIT  
1773

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
DSN	AB1	4,844,986	07/1989	Karakelle et al.	428	447	
DSN	AC1	4,973,680	11/1990	Bilmers	536	58	
DSN	AD1	5,650,234	07/1997	Dolence et al.	428	447	
DSN	AE1	5,962,138	10/1999	Kolluri et al.	428	411.1	
DSN	AF1	6,048,695	04/2000	Bradley et al.	435	6	
DSN	AG1	6,107,416	08/2000	Patnaik et al.	525	453	
DSN	AH1	6,248,127 B1	06/2001	Shah et al.	623	1.15	
DSN	AI1	6,361,819 B1	03/2003	Tedeschi et al.	427	2.24	
DSN	AJ1	2001/0034336	10/2001	Shah et al.	514	56	
	AK1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
DSN	AL1	EP 0 581 576 A1	02/1994	Europe	—	—	Yes No
DSN	AM1	WO 96/24392	08/1996	PCT	—	—	Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	
	AS	1	
	AT	1	

EXAMINER *D. S. Karakelle*DATE CONSIDERED  
10/12/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
P296REI  
(1737.073REI0)APPLICATION NO.  
~~To Be Assigned~~ 10/679965APPLICANT  
Shah et al.FILING DATE  
~~Herewith~~ 10/07/2003GROUP  
~~To Be Assigned~~ 1773

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DSW	AA1	4,082,727	04/1978	Nagata et al.	260	46.5	11/1976
	AB1						
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1						Yes No
	AM1						Yes No
	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

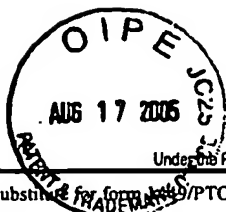
	AR	1	
	AS	1	
	AT	1	

EXAMINER

*Shah et al.*

DATE CONSIDERED 10/12/2005

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.



Equivalent of Form PTO/SB/08A (07-05)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/679,965
Sheet 1 of 3				Filing Date	October 7, 2003
				First Named Inventor	Chirag Shah
				Art Unit	1773
				Examiner Name	Nakarani, Dhirajlal S.
				Attorney Docket Number	P296REI (1737.073REI0)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DSN	US1	3,549,409	12/22/1970	Dyck, Manfred F.	
	US2	3,639,141	02/01/1972	Dyck, Manfred F.	
	US3	4,096,239	06/20/1978	Katz <i>et al.</i>	
	US4	4,329,383	05/11/1982	Joh, Yasushi	
	US5	4,373,009	02/08/1983	Winn, R. Alastair	
	US6	4,529,614	07/16/1985	Burns, James A.	
	US7	4,604,412	08/05/1986	Joh <i>et al.</i>	
	US8	4,632,842	12/30/1986	Karwoski <i>et al.</i>	
	US9	4,678,660	07/07/1987	McGary <i>et al.</i>	
	US10	4,718,907	01/12/1988	Karwoski <i>et al.</i>	
	US11	4,720,512	01/19/1988	Hu <i>et al.</i>	
	US12	4,836,646	06/06/1989	Parker <i>et al.</i>	
	US13	4,979,959	12/25/1990	Guire, Patrick E.	
	US14	5,010,141	04/23/1991	Mueller, Karl F.	
	US15	5,013,717	05/07/1991	Solomon <i>et al.</i>	
	US16	5,026,607	06/25/1991	Kiezuldas, Margaret P.	
	US17	5,053,048	10/01/1991	Pinchuk, Leonard	
	US18	5,077,372	12/31/1991	Hu <i>et al.</i>	
	US19	5,081,031	01/14/1992	Tsilibary <i>et al.</i>	
DSN	US20	5,084,151	01/28/1992	Vallana <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)				
DSN	FP1	EP 0 338 418 A1	10/25/1989	Becton Dickinson & Company		
	FP2	EP 0 350 161 A2	01/10/1990	Becton Dickinson & Company		
	FP3	EP 0 351 314 B1	01/17/1990	Terumo Kabushiki Kaisha		
	FP4	EP 0 357 242 B1	03/07/1990	New England Deaconess Hospital Corporation		
	FP5	EP 0 379 156 B1	07/25/1990	Union Carbide Chemicals and Plastics Company, Inc.		
	FP6	EP 0 407 390 B1	01/16/1991	Bio Metric Systems Inc.		
	FP7	EP 0 517 890 B1	12/16/1992	Union Carbide Chem Plastic		
	FP8	EP 0 592 870 A1	04/20/1994	C.R. Bard, Inc.		
DSN	FP9	EP 0 595 805 B1	05/11/1994	Holland Biomaterials Group B.V.		

Examiner Signature	<i>D. Nakarani</i>	Date Considered	10/12/2005
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/679,965
				Filing Date	October 7, 2003
				First Named Inventor	Chirag Shah
				Art Unit	1773
				Examiner Name	Nakarani, Dhirajlal S.
Sheet	2	of	3	Attorney Docket Number	P296REI (1737.073REI0)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DSN	US21	5,084,315	01/28/1992	Karimi <i>et al.</i>	
	US22	5,133,845	07/28/1992	Vallana <i>et al.</i>	
	US23	5,134,192	07/28/1992	Feijen <i>et al.</i>	
	US24	5,135,516	08/04/1992	Sahatjian <i>et al.</i>	
	US25	5,160,790	11/03/1992	Elton, Richard K.	
	US26	5,229,172	07/20/1993	Cahalan <i>et al.</i>	
	US27	5,262,451	11/16/1993	Winters <i>et al.</i>	
	US28	5,308,641	05/03/1994	Cahalan <i>et al.</i>	
	US29	5,336,518	08/09/1994	Narayanan <i>et al.</i>	
	US30	5,342,693	08/30/1994	Winters <i>et al.</i>	
	US31	5,350,800	09/27/1994	Verhoeven <i>et al.</i>	
	US32	5,356,433	10/18/1994	Rowland <i>et al.</i>	
	US33	5,417,969	05/23/1995	Hsu <i>et al.</i>	
	US34	5,441,759	08/15/1995	Crouther <i>et al.</i>	
	US35	5,541,167	07/30/1996	Hsu <i>et al.</i>	
	US36	5,543,019	08/06/1996	Lee <i>et al.</i>	
	US37	5,558,900	09/24/1996	Fan <i>et al.</i>	
	US38	5,576,072	11/19/1996	Hostettler <i>et al.</i>	
	US39	5,607,475	03/04/1997	Cahalan <i>et al.</i>	
DSN	US40	5,609,629	03/11/1997	Fearnot <i>et al.</i>	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)			
DSN	FP10	EP 0 747 069 A2	12/11/1996	Cook Incorporated	
	FP11	EP 0 809 999 A2	12/03/1997	Ethicon, Inc.	
	FP12	EP 0 832 655 A2	04/01/1998	Schneider (USA) Inc.	
	FP13	EP 0 861 858 A2	09/02/1998	Biocompatibles Limited	
	FP14	WO 98/02197	01/22/1998	Cooper, Robin Peter	
	FP15	WO 98/08551	03/05/1998	Medtronic, Inc.	
DSN	FP16	WO 98/08553	03/05/1998	Medtronic, Inc.	
	FP17				
	FP18				

Examiner Signature	<i>DSNakarani</i>	Date Considered	10/12/2005
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 601.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/679,965
				Filing Date	October 7, 2003
				First Named Inventor	Chirag Shah
				Art Unit	1773
				Examiner Name	Nakarani, Dhirajlal S.
Sheet	3	of	3	Attorney Docket Number	P296REI (1737.073REI0)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
DSN	US41	5,643,580	07/01/1997	Subramaniam, Raj	
	US42	5,643,681	07/01/1997	Voorhees <i>et al.</i>	
	US43	5,645,931	07/08/1997	Fan <i>et al.</i>	
	US44	5,662,960	09/02/1997	Hostettler <i>et al.</i>	
	US45	5,672,638	09/30/1997	Verhoeven <i>et al.</i>	
	US46	5,679,659	10/21/1997	Verhoeven <i>et al.</i>	
	US47	5,702,808	12/30/1997	Ljungberg, Björn	
	US48	5,767,108	06/16/1998	Cahalan <i>et al.</i>	
	US49	5,804,318	09/08/1998	Pinchuk <i>et al.</i>	
	US50	5,811,151	09/22/1998	Hendriks <i>et al.</i>	
	US51	5,877,263	03/02/1999	Patnaik <i>et al.</i>	
	US52	5,928,279	07/27/1999	Shannon <i>et al.</i>	
	US53	5,955,588	09/21/1999	Tsang <i>et al.</i>	
DSN	US54	6,830,583 B2	12/14/2004	Shah <i>et al.</i>	
	US55				
	US56				
	US57				
	US58				
	US59				
	US60				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)				
	FP19					
	FP20					
	FP21					
	FP22					
	FP23					
	FP24					
	FP25					
	FP26					
	FP27					

Examiner Signature	<i>D. Nakarani</i>	Date Considered	10/12/2005
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.